

## Monthly Progress Report

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10/10/91  
F.B.

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**Pursuant to:** RCRA I-88-1088

**Facility Site:** Cranston, RI

**Period Covered:** September 1991 (24 August 1991 – 27 September 1991)\*

**Date Submitted:** 10 October 1991

### 1.0 SUMMARY

This is the fifteenth monthly progress report. Seven significant events occurred this month.

**Interim Report (Task 7).** Drafting selected sections of the report continued. The authors and editor met at WCC offices on 9/5/91 to review the status and plans for completing the report. Selected sections of the Interim Report were revised and submitted to CIBA-GEIGY for review. However, because tabulation of Round 2 analytical data had to be done manually (as discussed in Section 6.2), the schedule for the Interim Report has been impacted.

**Project Management (Task 9).** The laboratories proposed for Round 3 groundwater analysis were approved by the USEPA on about 8/30/91. In order to install monitoring wells in the Pawtuxet River, a Wetlands Permit and supporting documentation was submitted to RIDEM on 9/27/91.

**Data Management (Task 10).** The necessary revisions to the software package used to generate reports from the project data base were delivered late; the data had to be tabulated manually. (This problem is discussed in detail in Section 6.2) As a result, 1) resources were drawn away from developing the Phase II Proposal, and 2) tables of Round 2 data needed to complete the Phase I Interim Report were delayed. Contaminant assessment (discussed later) also was delayed. All these factors impacted the schedule for the Interim Report.

**Water Level Monitoring.** Monthly groundwater level monitoring continued.

**Contaminant Assessment.** Contaminant assessment based on both Round 1 and Round 2 analytical data was delayed because tabulation of Round 2 analytical data had to be done manually (as discussed in Section 6.2).

\*As agreed, the reporting period will be monthly through the fourth Friday of the month.



SEMS DocID 666705

**Round 3 Groundwater Sampling.** Round 3 groundwater sampling was completed. Because well MW-5S was vandalized and cannot be repaired (as discussed in Section 6.2), it could not be sampled in Round 3.

**Changes in Plan:** A third round of groundwater sampling and analysis was added for completeness of study. [Section 8.0 discusses changes in the Work Plan.]

**Round 3 Groundwater Analyses.** Analyses of Round 3 groundwater samples began.

## 2.0 TASKS AND ACTIVITIES COMPLETED

The sampling and other activities (subtasks) that were completed are reported here.

### 2.1 Sampling Activities Completed

The following sampling activities were completed:

Sampling Activity	Location(s)	Date(s) Sampled	No. of Samples	Date(s) Sent for Analysis	Analysis
Groundwater Sampling (Round 3)	MW-1S	9/12/91	1	9/12/91	C
	MW-1D	9/12/91	1	9/12/91	C
	MW-2S	9/17/91	1	9/17/91	C
	MW-3S	9/17/91	1	9/17/91	C
	MW-4S	9/16/91	1	9/16/91	C
	MW-5S	[Vandalized; could not be sampled; see Section 6.2]			
	MW-6S	9/10/91	1	9/10/91	C
	MW-7S	9/11/91	2*	9/11/91	C
	MW-8S	9/9/91	1	9/9/91	C
	MW-9S	9/9/91	1	9/9/91	C
	MW-10S	9/12/91	1	9/12/91	C
	MW-10D	9/12/91	1	9/12/91	C
	MW-11S	9/10/91	1	9/10/91	C
	MW-12S	9/16/91	4	9/16/91	C
	MW-12D	9/11/91	2	9/11/91	C
	MW-13S	9/13/91	1	9/13/91	C
	MW-14S	9/11/91	4*	9/11/91	C
	MW-15S	9/9/91	1	9/9/91	C
	MW-15D	9/9/91	1	9/9/91	C
	MW-16S	9/16/91	1	9/16/91	C
	MW-16D	9/11/91	1	9/11/91	C
	MW-17S	9/10/91	1	9/10/91	C
	MW-17D	9/10/91	1	9/10/91	C
	MW-18S	9/11/91	2*	9/11/91	C
	MW-19S	9/12/91	1	9/12/91	C
	RW-1	9/17/91	1	9/17/91	C
	RW-2	9/9/91	1	9/9/91	C
	RW-3	9/10/91	1	9/10/91	C
	RW-4	9/13/91	1	9/13/91	C
	Field Blank	9/11/91	1	9/11/91	C
	Field Blank	9/17/91	1	9/17/91	C

**NOTE:**

C = sample was submitted for chemical analyses

\* One of these samples is a split with USEPA.

## **2.2 Other Activities Completed**

The other activities (subtasks) completed during this reporting period were described in Section 1.0.

## **3.0 JEOPARDY TASKS (scheduled tasks not completed)**

One task was in jeopardy as of 27 September 1991.

**Contaminant Assessment.** As discussed in Section 1.0, contaminant assessment based on both Round 1 and Round 2 analytical data has slipped almost three weeks beyond the target date originally scheduled (9/11/91) because tabulation of Round 2 analytical data had to be done manually. Contaminant assessment is expected to be completed by the end of September.

## **4.0 OTHER TASKS UNDERWAY (and on schedule)**

The tasks that were underway (and on schedule as of 27 September 1991) were described in Section 1.0.

## **5.0 DATA OBTAINED**

Validated analytical laboratory data for Round 2 samples have been loaded into the project data base and will be presented in the Interim Report. Groundwater level data have been obtained but have not yet been peer reviewed. (Round 3 groundwater analytical data have not yet been received; these data will be reported after they have been validated and peer reviewed.)

## **6.0 PROBLEM AREAS**

The resolved, new, potential (i.e., anticipated or possible), and outstanding (i.e., still unresolved) problem areas are reported here.

### **6.1 Resolved Problem Areas**

No problem areas remained to be resolved during this reporting period.

### **6.2 New Problem Areas**

Three new problem areas were identified during this reporting period.

#### ***Revised Software for Generating Reports from the Project Data Base Was Delayed***

**Review of the Problem.** As discussed in the previous (August 1991) Monthly Progress Report (in Section 6.3, "Potential Problem Areas"), revisions were needed to customize the software package that would have been used to generate reports. These reports, summarizing the Round 2 data and comparing the Round 1 and Round 2 data, are needed for the Round 2 contaminant assessment. Delivery of the revised software was delayed; the reports had to be tabulated manually, and the schedule for completing the Interim Report has been impacted.

**Plans for Resolution.** Manual tabulation of some data had begun already; the data are being entered into spreadsheets manually. All Round 2 data had to be tabulated manually; the process has taken nearly three weeks. As a result, the schedule for the Interim Report has been impacted.

#### *Monitoring Well MW-19S was Damaged*

**Review of the Problem.** The flushmount cover for monitoring well MW-19S was damaged during road resurfacing and will have to be replaced.

**Plans for Resolution.** A new flushmount cover will be installed on this well.

#### *Monitoring Well MW-5S was Vandalized*

**Review of the Problem.** Despite improved locks (discussed in the November 1990 Monthly Progress Report), monitoring well MW-5S was vandalized again. The cap had been forced open; debris that was found in the wellbore could not be retrieved from the well. For this reason, the well must be abandoned and could not be sampled during Round 3 groundwater sampling.

**Plans for Resolution.** A replacement well will be installed during Phase II.

### **6.3 Potential Problem Areas**

No potential problem areas were identified during this reporting period.

### **6.4 Outstanding Problem Areas**

No problem areas remained unresolved during this reporting period.

## **7.0 SCHEDULE OF TASKS (next two months)**

The projected schedule is provided here. It covers the tasks to be performed in the next two months (October and November 1991), along with other comments or considerations.

Target Date	Task#	Task	Comments/Considerations
10/10/91	8	September Progress Report	
10/16/91	—*	Peer Review of Interim Report	The report will include Round 2 data.
10/21/91	—*	Round 3 Analyses	
10/23/91	—*	CIBA-GEIGY Review of Interim Report	
10/30/91	—*	Joint Review of Interim Report	
11/13/91	—*	Modify Interim Report	
ongoing	9	Project Management	
ongoing	10	Data Management	
ongoing	11	Project Administration	
ongoing	12	Quality Assurance	
ongoing	13	Health & Safety Assurance	

\* This task was not shown on the original Phase I schedule.

## **8.0 CHANGES IN WORK PLAN**

One change to the Work Plan was made during this reporting period.

**Round 3 Groundwater Sampling.** A third round of groundwater sampling was added for completeness of study.

## **9.0 OTHER COMMENTS**

The plans going forward into October and November include:

- continuing analysis of the Round 3 groundwater samples, and
- completing and submitting the Phase I Interim Report and Phase II Proposal.